4. (Amended) The wire electrode for wire electrical discharge machining according to Claim 2, wherein the core comprises Cu-Zr alloy. 4, 9-15

5. (Amended) The wire electrode for wire electrical discharge machining according to Claim 1, wherein the core comprises Cu-Zn alloy. 6, 30-35

6. (Amended) The wire electrode for wire electrical discharge machining according to Claim 2, wherein the core comprises Cu-Zn alloy.

IN THE ABSTRACT:

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ABSTRACT

A wire electrode for electrical discharge machining has a three-layered structure of an electrically conductive core, a first coating of Cu-Zn intermetallic compound in other than an α phase, and a second coating of Cu-Zn alloy in the α phase on the first coating. The thickness of the second coating is 5 to 15 μm. The first coating layer is preferably Cu-Zn alloy in a β phase. The core is preferably Cu-Zr alloy.